

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Andrew A. Conway

Application No.: 10/815,102

Filed: March 30, 2004

Group Art Unit: 1631

Examiner: Riggs II, Larry D.

Docket No. 10050845-1

Confirmation No. 6571

For: **Detecting Recessive Diseases In Inbred Populations**

RESPONSE

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SMITH FROHWEIN TEMPEL

GREENLEE BLAHA LLC

Customer No. 35856

Sir:

In response to the non-final Office Action mailed by the U.S. Patent and Trademark Office on August 23, 2007, Applicant submits the following amendment and remarks.

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 8 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Agilent Technologies' Deposit Account No. 50-1078.

I hereby certify that this correspondence, including any items indicated as attached or included, is being electronically transmitted via EFS-WEB to the United States Patent and Trademark Office, on the date indicated below.

Date: 11/15/07

/Michael J. Tempel/

Signature -Michael J. Tempel